



EQUIPMENT SCHEDULE:

- A

Utility Panel UP-240
100 A, 208/120 V, 3-Phase, 4-Wire
- B

Lighting Panel LP-260
100 A, 208/120 V, 3-Phase, 4-Wire
- C

Controller Cabinet #TOS-18EA
- D

Telephone Terminal Box #TEL-18E
- E

Scada Communication Terminal Box #COM-18E
- F

Fiber Optic Splice Closure #FSC-18E



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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Caltrans now has a web site. To get to the web site, go to <http://www.dot.ca.gov>

NOTES:

1. This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-290 from Skyway Structures, contract No. 04-012024.
2. The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Eastbound, typical Details sheets.
 - Terminate already installed 50 pair telephone cable in Telephone Terminal Box. See sheets E-961, E-963 and E-965.
 - Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheet E-837.
 - Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheet E-983.
 - Inspect for system ground continuity. See sheets E-839 and E-840.
3. All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

SHEET NOTES:

1. Furnish and install splice cable tray as shown on sheet E-836, plan detail 2.
2. Mount splice cable tray between diaphragms, and secure properly. See sheet E-836, section detail 4.
3. Contractor shall locate the splice cable tray at Station 77+48 as shown on E-812.
4. Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connector. See sheets E-972 and E-973.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE						
0	03/08/10	MEP INTEGRATION	SYN	FW	110	
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#	
REVISIONS						

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

DETAILS
BRIDGE STRUCTURES GIRDER EASTBOUND
SKYWAY STRUCTURES-SERVICE PLATFORM #18E
SCALE AS NOTED

E-831

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL
SCALE IS IN MILLIMETERS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN
DGN FILE =>04-0120f1_E-831.dgn
USERNAME =>iloric

CU 04251

EA 0120F1

DATE PLOTTED => 06-MAY-2010
TIME PLOTTED => 18:26
LAST REVISION 00-00-00